



PTO/SB/08A (08-03)

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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

of 1

Complete if Known	
Application Number	10/809,312
Filing Date	03/24/04
First Named Inventor	Lloyd A. Greene
Art Unit	1636
Examiner Name	to be assigned Laura McGIL
Attorney Docket Number	5199-69

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U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ *Number ⁴ *Kind Code ⁵ (if known)				
JM		WO99/32619	07-01-99	Fire, et al.		
JM		WO01/29058	04-26-01	Mello, et al.		
JM		WO01/68836	09-20-01	Beach, et al.		
JM		WO01/96584	12-20-01	Mushegian, et al.		

Examiner Signature	Laura McGullem	Date Considered	3/22/2006
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¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ²Applicant's unique citation designation number (optional). ³See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ⁴Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁷Applicant is to place a check mark here if English language Translation is attached.

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				Art Unit	1636
				Examiner Name	to be assigned, Laura McGillen
Sheet	1	of	12	Attorney Docket Number	5199-69

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
JM		Ahmed et al., BDNF enhances the differentiation but not the survival of CNS stem cell-derived neuronal precursors.	
JM		J. Neurosci., 15: 5765-5778, 1995	
JM		Angelastro et al., Identification of diverse nerve growth factor-regulated genes by serial analysis of gene expression (SAGE) profiling. 2000	
JM		Proc. Natl. Acad. Sci. USA, 97: 10424-10429, 2000	
JM		Angelastro et al., Characterization of a novel isoform of caspase-9 that inhibits apoptosis.	
JM		J. Biol. Chem., 276: 12190-12200, 2001	
JM		Ashrafi et al., Genome-wide RNAi analysis of <i>Caenorhabditis elegans</i> fat regulatory genes.	
JM		Nature, 421: 268-272, 2003	

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2

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<i>JM</i>		Barco et al., Expression of constitutively active CREB protein facilitates the late phase of long-term potentiation by enhancing synaptic capture.	
<i>JM</i>		Cell, 108: 689-703, 2002	
<i>JM</i>		Bhatia, AC133 expression in human stem cells.	
<i>JM</i>		Leukemia, 15: 1685-1688, 2001	
<i>JM</i>		Bieri et al., Abnormal nerve conduction studies in mice expressing a mutant form of the POU transcription factor, SCIP.	
<i>JM</i>		J. Neurosci. Res., 50: 821-828, 1997	
<i>JM</i>		Billy et al., Specific interference with gene expression induced by long, double-strand RNA in mouse embryonal teratocarcinoma cell lines.	
<i>JM</i>		Proc. Natl. Acad. Sci. USA, 98: 14428-14433, 2001	

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<i>LM</i>		Burstein and Greene, Evidence for RNA synthesis-dependent and -independent pathways in stimulation of neurite outgrowth by nerve growth factor.	
<i>LM</i>		Proc. Natl. Acad. Sci. USA, 75: 6059-6063, 1978	
<i>Not provided</i>		Cottrell et al., Silence of the strands: RNA interference in eukaryotic pathogens.	
<i>Not considered</i>		Trends Microbiol., 11: 37-43, 2003 (A/A)	
<i>LM</i>		Dawson and Ginty, CREB family transcription factors inhibit neuronal suicide.	
<i>LM</i>		Nat. Med., 8: 450-451, 2002	
<i>LM</i>		Dicicco-Bloom et al., The PACAP ligand/receptor system regulates cerebral cortical neurogenesis.	
<i>LM</i>		Ann. N. Y. Acad. Sci., 865: 274-289, 1998	

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<i>Lm</i>		Escobar et al., RNAi-mediated oncogene silencing confers resistance to crown gall tumorigenesis.	
<i>Lm</i>		Proc. Natl. Acad. Sci. USA, 98: 13437-13442, 2001	
<i>Lm</i>		Finkeiner et al., CREB: a major mediator of neuronal neurotrophin responses.	
<i>Lm</i>		Neuron, 19: 1031-1047, 1997.	
<i>Lm</i>		Fukumitsu et al., Simultaneous expression of brain-derived neurotrophic factor and neurotrophin-3 in Cajal-Retzius, subplate and ventricular	
<i>Lm</i>		progenitor cells during early development stages of the rat cerebral cortex.	
<i>Lm</i>		Neuroscience, 84: 115-127, 1998.	
<i>Lm</i>		Gage, F.H., Mammalian neural stem cells.	
<i>Lm</i>		Science, 287: 1433-1438, 2000.	

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5

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<i>LAM</i>		Ghosh and Greenberg, Distinct roles for bFGF and NT-3 in the regulation of cortical neurogenesis.	
<i>LAM</i>		Neuron, 15: 89-103, 1995.	
<i>LAM</i>		Greene et al., Establishment of a noradrenergic clonal line of rat adrenal pheochromocytoma cells which respond to nerve growth factor.	
<i>LAM</i>		Proc. Natl. Acad Sci. USA, 73: 2424-2428, 1998.	
<i>LAM</i>		Greene et al., Culture and Experimental Use of the PC12 Rat Pheochromocytoma Cell Line. In: Culturing Nerve Cells, 2nd ed., Goslin, G.K., ed.	
<i>LAM</i>		(Cambridge, MA: The MIT Press, 1998) pp. 161-187. (N/A)	
<i>LAM</i>		Gunning et al., Differential and synergistic actions of nerve growth factor and cyclic AMP in PC12 cells.	
<i>LAM</i>		J. Cell Biol., 89: 240-245, 1981.	
<i>LAM</i>		Hansen et al., Mouse Atf5: molecular cloning of two novel mRNAs, genomic organization, and odorant sensory neuron localization.	
<i>LAM</i>		Genomics, 80: 344-350, 2002.	

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JM		Julius et al., Q vectors, bicistronic retroviral vectors for gene transfer.	
JM		Biotechniques, 28: 702-708, 2000	
JM		Kintner, C., Neurogenesis in embryos and in adult neural stem cells.	
JM		J. Neurosci., 22: 639-643, 2002	
JM		Krylov et al., Extending dimerization interfaces: the bZIP basic region can form a coiled coil.	
JM		EMBO J., 14: 5329-5337, 1995	
JM		Kukekov et al., A nestin-negative precursor cell from the adult mouse brain gives rise to neurons and glia.	
JM		Glia, 21: 399-407, 1997 (N/A)	
JM		Kukekov et al., Multipotent stem / progenitor cells with similar properties arise from two neurogenic regions of adult human brain.	
JM		Exp. Neurol., 156: 333-344, 1999	

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<i>JM</i>		Laywell et al., Multipotent neurospheres can be derived from forebrain subependymal zone and spinal cord of adult mice after protracted postmortem intervals.		
<i>JM</i>		Exp. Neurol., 156: 430-433, 1999 .		
<i>JM</i>		Laywell et al., Identification of a multipotent astrocytic stem cell in the immature and adult mouse brain.		
<i>JM</i>		Proc. Natl. Acad. Sci. USA, 97: 13883-13888, 2000.		
<i>JM</i>		Lee et al., Posttranslational modification of class III beta-tubulin.		
<i>JM</i>		Proc. Natl. Acad. Sci. USA, 87: 7195-7199, 1990		
<i>JM</i>		Lendahl et al., CNS stem cells express a new class of intermediate filament protein.		
<i>JM</i>		Cell, 60: 585-595, 1990		

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<i>JM</i>		J. Neurosci., 18: 8853-8862, 1998	
<i>JM</i>		Lonze et al., Apoptosis, axonal growth defects, and degeneration of peripheral neurons in mice lacking CREB.	
<i>JM</i>		Neuron, 34: 371-385, 2002	
<i>JM</i>		Lu et al., The herpesvirus transactivator VP16 mimics a human basic domain leucine zipper protein, IUMAN, in its interaction with HCF.	
<i>JM</i>		J. Virol., 72: 6291-6297, 1998	
<i>JM</i>		Mendelsohn et al., Stromal cells mediate retinoid-dependent functions essential for renal development.	
<i>JM</i>		Development, 126: 1139-1148, 1999	
<i>JM</i>		Moitra et al., Life without white fat: a transgenic mouse.	
<i>JM</i>		Genes Dev., 12: 3168-3181, 1998	

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<i>JH</i>		Moll et al., Attractive interhelical electrostatic interactions in the proline- and acidic-rich region (PAR) leucine zipper subfamily preclude	
<i>JH</i>		preclude heterodimerization with other basic leucine zipper subfamilies.	
<i>JH</i>		J. Biol. Chem., 275: 34826-34832, 2000.	
<i>JH</i>		Nikolae et al., Parc. A cytoplasmic anchor for p53.	
<i>JH</i>		Cell, 112: 29-40, 2003.	
<i>JH</i>		Nishizawa and Nagata, cDNA clones encoding leucine-zipper proteins which interact with G-CSF gene promoter element 1- binding protein.	
<i>JH</i>		FEBS Lett., 299: 36-38, 1992.	
<i>JH</i>		Pati et al., Human Cdc34 and Rad6B ubiquitin-conjugating enzymes target repressors of cyclic AMP-induced transcription for proteolysis.	
<i>JH</i>		Mol. Cell Biol., 19: 5001-5013, 1999.	

Examiner Signature	<i>Laura McGillem</i>	Date Considered	3/23/2004
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STATEMENT BY APPLICANT**

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Sheet

10

of

12

Application Number

10/809,312

Filing Date

03/24/04

First Named Inventor

Lloyd A. Greene

Art Unit

1636

Examiner Name

to-be-assigned LAURA McGILLEM

Attorney Docket Number

5199-69

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<i>JM</i>		Persengiev et al., Inhibition of apoptosis by ATFx: a novel role for a member of the ATF/CREB family of mammalian bZIP transcription factors.	
<i>JM</i>		Genes Dev., 16: 1806-1814, 2002.	
<i>JM</i>		Peters et al., ATF-7, a novel bZIP protein, interacts with the PRL-1 protein-tyrosine phosphatase.	
<i>JM</i>		J. Biol. Chem., 276: 13718-13726, 2001,	
<i>JM</i>		Placzek and Furley, Patterning cascades in the neural tube. Neural development.	
<i>JM</i>		Curr. Biol. 6: 526-529, 1996.	
<i>JM</i>		Schuurmans and Guillermot, Molecular mechanisms underlying cell fate specification in the developing telencephalon.	
<i>JM</i>		Curr. Opin. Neurobiol., 12: 26-34, 2002.	
<i>JM</i>		Takemura et al., In situ localization of tau mRNA in developing rat brain.	
<i>JM</i>		Neuroscience, 44: 393-407, 1991.	

Examiner Signature	<i>Laura McGillem</i>	Date Considered	3/23/2006
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		Application Number	10/809,312
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Filing Date	03/24/04
		First Named Inventor	Lloyd A. Greene
		Art Unit	1636
		Examiner Name	to-be-assigned Laura McG. LLC
Sheet	11	of	12
		Attorney Docket Number	5199-69

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<i>JM</i>		Towbin et al., Electrophoretic transfer of proteins from polyacrylamide gels to nitrocellulose sheets: procedure and some applications.	
<i>JM</i>		Proc. Natl. Acad. Sci. USA 76: 4350-4354, 1979	
<i>JM</i>		Uchida et al., Direct isolation of human central nervous system stem cells.	
<i>JM</i>		Proc. Natl. Acad. Sci. USA, 97: 14720-14725, 2000,	
<i>JM</i>		Vinson et al., Dimerization specificity of the leucine zipper-containing bZIP motif on DNA binding: prediction and rational design.	
<i>JM</i>		Genes Dev., 7: 1047-1058, 1993	
<i>JM</i>		Waxman and Bennett, Relative conduction velocities of small myelinated and nonmyelinated fibres in the central nervous system.	
<i>JM</i>		Nature New Biol., 238: 217, 1972	
<i>JM</i>		Wilda et al., Killing of leukemic cells with a BCR/ABL fusion gene RNA interference (RNAi).	
<i>JM</i>		Oncogene, 21: 5716-5724, 2002,	

Examiner Signature	<i>Laura McG. LLC</i>	Date Considered	<i>3/23/2006</i>
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<i>JM</i>		Yin et al., AC133, a novel marker for human hematopoietic stem and progenitor cells.	
<i>JM</i>		Blood, 90: 5002-5012, 1997,	
<i>JM</i>		Yu et al., AC133-2, a novel isoform of human AC133 stem cell antigen.	
<i>JM</i>		J. Biol. Chem., 277: 20711-20716, 2002.	
<i>Not provided</i>		Beers and Berkow, eds., The Merck Manual of Diagnosis and Therapy, 17th ed. (<i>CN/A</i>)	
<i>Not considered</i>		Whitehouse Station, NJ: Merck Research Laboratories, 1999, Chap. 183 (<i>CN/A</i>)	
<i>Not provided</i>		Bodansky, M., Principles of Peptide Synthesis, New York: Springer-Verlag New York, Inc., 1984 (<i>CN/A</i>)	
<i>Not considered</i>		Modern Techniques of Peptide and Amino Acid Analysis, New York: John Wiley & Sons, 1981 (<i>CN/A</i>)	

Examiner Signature	<i>Laura Miller</i>	Date Considered	3/23/2006
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